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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/814,190	03/21/2001	Alan W. Esenther		2377

7590 06/03/2004

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, MA 02139

EXAMINER

NANO, SARGON N

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 06/03/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/814,190	ESENTHER, ALAN W.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Sargon N Nano	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on 21 March 2001.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>21 March 2001</u> . | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. This action is responsive to the application filed on Mar. 21, 2001. Claims 1 – 12 are pending examination.

#### ***Claim Objections***

Claim 11 is objected to because of the following informalities: claim 11 fails to mention the claim that it depends on, examiner assumes it depends on claim 1. Appropriate correction is required.

#### **2. *Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 2 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 2 recites the limitation "multiple instances" in line 1. There is insufficient antecedent basis for this limitation in the claim.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-30 are rejected under 35 U.S.C. 102 (e) as being anticipated by  
Roberts et al., U.S. Patent No. 6,295,551

Robert teaches the invention as claimed including a method for collaboratively browsing web content in a network including a plurality of client computers and server computer (see abstract ).

As to claim1, Robert teaches a method for collaboratively browsing web content in a network including a plurality of client computers and a server computer, comprising:  
polling static and dynamic states of a web page displayed in a first instance of a web browser; ( see col.3 , lines 1-9).

transmitting the states to a controller over the network; ( see col.3 , lines 37-41)

generating, in the controller, update messages including the static and dynamic states ( see col.3 , line 51-56); and

polling, in a second instance of the web browser, the controller to receive the update messages over the network; and ( see col.8 , lines 1-9 and fig.7A and 7B).

displaying, in a second instance of the web browser, the web page according to the states in the update messages to dynamically synchronize the second instance of the web browser to the first instance of the web browser. ( see col.8 , lines 9 -18)

As to claim 2, Robert teaches the method of claim 1 wherein there are multiple instances of first and second instances (see col.8, lines 1 -15).

As to claim 3, Robert teaches the method of claim 1 wherein the polling of the states is performed in a monitor executing in first instance of the web browser, and the polling of the controller is performed in the second instance of the web browser. (see col.8, lines 1 -16 and fig. 7A and 7B).

As to claim 4, Robert teaches the method of claim 1 wherein the retrieved target web pages is stored in the server. (see col.8, lines 9 -18 ).

As to claim 5, Robert teaches the method of claim 1 wherein the polling is performed by polling requests. (see col.8, lines 1-16 and fig. 7A and 7B).

As to claim 6, Robert teaches the method of claim 1 wherein the first and second instances of the web browser execute in the client computers, and the server executes in a server computer (see col.8, lines 40 - 51).

As to claim 7, Robert teaches the method of claim 1 wherein the web page is selected by a user of the first instance of the web browser. (see col.8, lines 14 -18 and col.10, lines 5 -13 ).

As to claim 8, Robert teaches the method of claim 1 wherein the web page and all instances of the web browser remain unmodified during the collaborative browsing session. (see col.8, lines 11- 18 ).

As to claim 9, Robert teaches the method of claim 4 wherein responses to the polling requests are loaded into a hidden browser frame, a hidden layer, or another browser window. (see col.8, lines 1- 5 ).

As to claim 10, Robert teaches the method of claim 9 wherein the hidden browser frame is zero dimensional (see col.8, lines 1 - 15).

As to claim 11, Robert teaches the method of claim 1 wherein the controller transforms dynamically transforms the update messages ( see col.14, lines 28-39).

As to claim 12, Robert teaches the method of claim 1 further comprising:  
polling static and dynamic states of another web page displayed in the  
second first instance of a web browser ( see col.3 , lines 1-9).  
transmitting the states to a controller over the network ( see col.3 , lines 37-41)  
generating, in the controller, update messages including the static and  
dynamic states ( see col.3 , line 51-56) ; and  
polling, in the first second instance of the web browser, the controller to  
receive the update messages over the network ( see col.8 , lines 1-9 and fig.7A and  
7B); and  
displaying, in the first second instance of the web browser, the other web  
page according to the states in the update messages to dynamically synchronize  
the first instance of the web browser to the second instance of the web browser ( see  
col.8 , lines 9 -18).

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Boyle et al., U.S. Patent No. 6,665,711
- Navarre et al., U.S. Patent No 6,718,389



5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sargon N Nano whose telephone number is (703) 305-4651. The examiner can normally be reached Monday through Friday, from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (703) 308- 7562. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sargon N.Nano  
Examiner  
Art Unit 2157

  
ARIO ETIENNE  
SUPERVISORY PATENT EXAMINER  
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